

CONFIGURATION MIGRATION TOOL

FortiConverter Release Notes

VERSION 4.8

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FortiConverter 4.8 Release Notes

1st Edition

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Introduction

This document provides installation instructions and caveats, resolved issues, and known issues for FortiConverter 4.8, build 0814.

FortiConverter provides a solution for the conversion of numerous firewall configurations into a FortiOS-compatible format. It currently supports the conversion of Cisco, Check Point, Juniper, SonicWall, Palo Alto Networks and Alcatel-Lucent Brick configurations. It also supports the conversion of FortiOS to a different FortiOS version.

A trial version is available, which provides full functionality for Fortigate-to-Fortigate tasks. For other conversions, the trial version allows you to perform some functional testing before you buy. In most cases, this limited functionality is sufficient for initial product evaluation.

SKU	Description
FC-10-CON01-401-01-12	1-Year Multi-vendor Configuration Conversion Tool (requires MS Windows) to create FortiOS configuration files.
FC-10-CON01-401-02-12	1-Year Renewal Multi-vendor Configuration Conversion Tool (requires MS Windows) to create FortiOS configuration files.



If you do not renew the license, functionality reverts to the trial version.

For additional documentation, please visit:

<http://docs.fortinet.com/forticonverter/>

What's new

The following features are new or enhanced in FortiConverter 4.8:

- **Check Point conversion**
 - **Comment fields** – New options allow you to convert Check Point interface, address, service, and rule comments.
 - **Review memo** – You can now export NAT merge converted policies as a separate file for review purposes.
 - **NAT conversion** – FortiConverter now supports the conversion of both manual and automatic NAT rules and both static and hide NAT types.
 - **NAT merge review** – The tuning features for Check Point conversions now include a NAT Merge Review tab. Use it to review how FortiConverter merged NAT and firewall policies to create corresponding FortiOS policies.
 - **Service protocol type** – FortiConverter now supports the conversion of Check Point service object definitions that include a protocol type by using a FortiOS session helper.
- **Cisco conversion**
 - **Virtual contexts** – Virtual contexts are now supported. You can select individual virtual contexts to convert to equivalent VDOMs.
 - **PIX conversion** – FortiConverter now supports the conversion of Static, Policy, and Dynamic NAT and Port Address Translation (PAT) for PIX configurations.
- **Fortinet conversion**
 - **New conversion targets** – You can now select FortiOS v5.0 or v5.2 as the target for FortiGate-to-FortiGate conversions.
 - **Restorable configuration** – A new option generates configuration files that you can directly restore to the target device.
- **Juniper conversion**
 - **Enhanced conversion logic for ScreenOS** – FortiConverter now supports conversion of additional configuration objects, including redundant and VLAN1 interfaces and HA configuration.
 - **MS-RPS and SUN-RPC conversion for JunOS** – FortiConverter now supports the conversion of MS-RPS and SUN-RPS firewall services.
- **Reload exported result** – Use the Tuning button on any wizard page to load any conversion result that you exported earlier.
- **Context-sensitive help** – Click the Help button to display online help information for the current FortiConverter page in your web browser.

System requirements

FortiConverter is designed to run on the following Microsoft Windows platforms:

- Microsoft Windows 10
- Microsoft Windows 8 (32-bit or 64-bit)
- Microsoft Windows 7 (32-bit or 64-bit)
- Microsoft Windows Server 2008 (32-bit or 64-bit)

Supported versions and conversions

Vendor	Supported versions	Supported conversions
Alcatel-Lucent Brick	OS: 9.x	Partition
		Interface (physical, logical, loopback, PPPoE)
		Address/ address group
		Services/ service group
		Static routes
		Zone rule set
Check Point	Smart Center with OS NG FP1 (4.0) to NGX R76 Provider-1 with OS NGX R65 to R76	Interface (physical, logical, loopback, PPPoE)
		Addresses / address group
		Service / service group
		Schedules
		Rule
		NAT (automatic NAT / rule NAT)
		VPN (IPsec)
		Local user / user group
		AAA server (RADIUS / TACACS+ / LDAP)
		Static route

Vendor	Supported versions	Supported conversions
Cisco	OS: 10.x, 11.x, 12.x, 15.x	Interface (physical, logical, loopback, PPPoE, tunnel)
		Address / address group
		IP pool
		Time-range
		DHCP server
		Service / service group
		Static routes
		ACL
		NAT
		VPN (IPSEC, PPTP / L2TP)
		Local user / user group
		AAA server (Radius / TACACS+/LDAP)
Juniper	SSG ScreenOS 5.x, 6.x SRX Junos OS 10.x, 11.x, 12.x	Interface (physical, logical, loopback, PPPoE, tunnel)
		Zone
		DHCP server / client / relay
		Policy
		NAT
		Address / address group / FQDN
		IP pool
		VIP / MIP
		Service/service group
		Static routes
		VPN (IPSEC, PPTP / L2TP)
		Local user / user group

Vendor	Supported versions	Supported conversions
Palo Alto Networks	PAN OS: 1.x to 6.x	Addresses & Address Groups & FQDNs
		Interfaces
		Local Users & Groups
		NAT (partial)
		Policies
		Schedules
		Static Routes
		Services & Service Groups
		Zones
		Interface (physical, logical, loopback, PPPoE)
SonicWall NSA	OS: SonicOS Enhanced 5.x	Zone
		DHCP server / client / relay
		Policy
		NAT
		Address/ address group
		Services/ service group
		Static routes
		Schedule
		Local user / user group

Resolved issues

The resolved issues listed below do not list every bug that has been corrected with this release. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](https://support.fortinet.com):

<https://support.fortinet.com>

Resolved issues

Bug ID	Description
246407	ASA NAT conversion inaccurate
83132	Service creation for DNS keeps using Cisco domain keyword in set udp-portrange
235796	Check Point configuration issues during conversion
256114	FortiConverter 4.4 should migrate interface allocation based on the routing table
256721	Many issues with Check Point conversion
289063	Gateway objects are correctly created as groups, but parent object is still created
289065	Policies that include multicast addresses are incorrectly converted to unicast policies
284980	Static NATs VIP in Junos are not converted correctly
272894	FortiManager output for Check Point conversion duplicates service object
267934	NetScreen conversion does not convert rule logging options
267663	ScreenOS Problem: Juniper to Fortigate DIP with multiples address sources
267575	Cisco FWSM conversion feedback
267660	SonicWall NAT merge feature not implemented
266476	NetScreen policy conversion does not apply IP pool (set ip pool, set poolname)
267662	External customer request for SonicWall configuration conversion
288200	Japanese characters are not converted properly
285950	Check Point custom service object descriptions are not converted

Known issues

The issues listed below do not include every known bug. For inquiries about a particular bug, please contact [Fortinet Customer Service & Support](#):

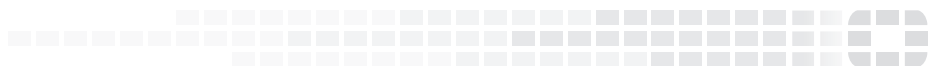
<https://support.fortinet.com>

Known issues

Bug ID	Description
288570	FortiConverter may crash when run on Windows Server 2008



High Performance Network Security



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